This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-14 (canceled)

Claim 15 (new) A process for removing a selected portion of a coating from a coated metal conductor comprising irradiating a selected portion of the coating of the coated metal conductor with laser irradiation in the range of medium to high energy thereby vaporizing the selected portion of the coating without leaving a residue of the coating on the metal conductor; wherein the coating comprises

A) 1 wt.% to 90 wt.%, based on the total weight of the binder, of one or more binders,

B) 0.3 wt.% to 25 wt.%, based on the total weight of the binder, of one or more reactive particles based on an element-oxygen bound network with elements selected from the group consisting of aluminum, tin, boron, germanium, gallium, lead, silicon, zinc, the transition metals, the lanthanides, and actinides, and

C) 0 wt.% to 95 wt.%, based on the total weight of the binder, of one or more conventional additives, solvents, pigments, and/or fillers,

wherein the total of A) + B) +C) equal 100% and

wherein the reactive particles of component B are based on the element-oxygen network, on the surface of which reactive functions R_1 and optionally, non-reactive and/or partially reactive functions R_2 and R_3 being bound by way of the oxygen of the network,

R_1 being contained in the particles in an amount up to 98 wt.%, based on the weight of the particles, and R_2 and R_3 being contained in the particles in an amount from 0 wt.% to 97 wt.%, based on the weight of the particles;

wherein R_1 represents radicals of the metal acid esters, NCO, urethane, epoxide, epoxy, carboxylic acid anhydride, C=C double bond systems, OH,

alcohols bound by way of oxygen, esters, ethers, chelating agents, COOH, NH_2, NHR_4, and/or reactive resin components;
R_2 represents radicals of aromatic compounds, aliphatic compounds, fatty acid derivatives, esters, and/or ethers,
R_3 represents resin radicals, and
R_4 represents radicals of acrylate, phenol, melamine, polyurethane, polyester, polyester imide, polysulfide, epoxide, polyamide, polyvinyl formal resins; aromatic compounds, aliphatic compounds, esters, ethers, alcoholates, fats, or chelating agents.

Claim 16 (new) The process of claim 15, wherein the coating contains 2 to 5 wt. % based on the total weight of the binder, of one or more reactive particles of component B.

Claim 17 (new) The process of claim 15, wherein the radical R_1 is selected from the group consisting of $OTi(OR_4)_3$, $OZr(OR_4)_3$, acetyl acetonate, 2-hydroxyethanolate, and diethylene glycolate.

Claim 18 (new) The process of claim 15, wherein R_3 is selected from the group consisting of radicals of polyester imides, tris-(2-hydroxyethyl)-isocyanurate polyester imides, and mixtures thereof.

Claim 19 (new) The process of claim 15, wherein R_4 is selected from the group consisting of radicals of acrylate resins, aminotriethanolate, acetyl acetonate, polyurethane resins, butyl diglycolate, and mixtures thereof.

Claim 20 (new) The process of claim 15, wherein the reactive particles of component B contain a network of elements bound by oxygen selected from the group consisting of titanium, aluminum, silicon, zirconium, and mixtures thereof.

Claim 21 (new) The process of claim 20, wherein the reactive particles of component B have an average radius of from 2 nm to 150 nm.

Claim 22 (new) The process of claim 15, wherein the coatings contain up to 7 wt.%, based on the total weight of the binder, of additional monomeric and/or polymeric element-organic compounds selected from the group consisting of orthotitanic acid ester, orthozirconic acid ester, titanium tetralactate, hafnium tetrabutoxide, tetraethyl silicate, silicone resins, and mixtures thereof.